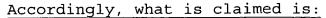
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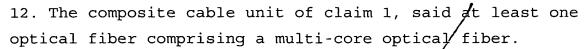


- 1. A composite cable unit, comprising an optical sub-unit including at least one optical fiber; an electrical sub-unit including at least one electrical conductor;
- said optical and electrical sub-units being removably connected together by a common jacket material, said common jacket material being separably overcoated on the insulation of said at least one electrical conductor.
- optical fiber being tight buffered.
 - 3. The composite cable unit of claim 1, said at least one optical fiber including at least one periodic refractive index therein.
 - 4. The composite cable unit of claim 1, said at least one electrical conductor being part of at least one twisted pair of electrical conductors.
 - 5. The composite cable whit of claim 1, said common jacket material including at least one flame retardant additive.
 - 6. The composite cable unit of claim 1, said common jacket material including a ligature connecting said sub-units.
 - 7. The composite cable unit of claim 6, said ligature including separation area.
 - 8. The composite cable unit of claim 6, said ligature comprising a web with a thickness that is less than the OD of at least one of the sub-units.
 - 9. The composite cable unit of claim 1, said sub-units being separably welded together.
- 10. The composite cable unit of claim 1, said common jacket material including at least one access recess.
 - 11. The composite cable unit of claim 1, said common jacket material including at least one identification means.

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- 13. The composite cable unit of claim 1, said at least one optical fiber being generally surrounded by strength members that de-couple said optical fibers from said common jacket.
- 14. The composite cable unit of claim 1, said cable unit being surrounded by a protective sheath.
- 15. The composite cable unit of claim 1, a controlled bond being formed between said common jacket material and said at least one electrical conductor.
- 16. The composite cable unit of claim 1, said jacket being applied in an extrusion process.

17. A fan-out cable comprising:

a central member having cable units therearound; at least one of said cable units comprising a composite cable unit;

said composite cable unit including an optical sub-unit with at least one optical fiber, and an electrical sub-unit including at least one electrical conductor, said optical and electrical sub-units being removably connected together by a common jacket material.

18. The fan-out cable of claim 17, said composite cable unit being connected to at least one other composite cable unit.

19. The fan-out cable of claim 17, said composite cable being stranded with other cable units or components about said central member.

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